

**ABSTRACT**

**[000131]** The present invention is directed to specific, multivalent, soluble recombinant I-Ag<sub>7</sub>/peptide complexes. These complexes are stable and are recognized by the TCR of T cells specific for a preselected antigen, to which they bind with low affinity. The inventive complexes may be used, for example, in the identification and study of autoreactive T cells and in the diagnosis, treatment and/or prevention of autoimmune or other diseases, including diabetes or pre-diabetic conditions.

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